

Translation of Paragraphs [0002] and [0003] of  
Japanese Unexamined Patent Publication No. 2000-2270

[0002]

[Prior Art]

As an example of prior art of this kind, there exists Japanese Unexamined Patent Publication No. 8-320031. This publication discloses constitution of a pulsation dampening apparatus, which disposed in an intermediate of a piping communicating a clutch master cylinder and a clutch operating cylinder, comprises a main body having a space formed therein to communicate a hydraulic circuit therewith, a diaphragm disposed in the space, and a hydraulic pressure chamber partitioned by an inner wall of the main body and the diaphragm. In order to prevent deterioration of pedal feeling and generation of abnormal noise caused by pressure generated in a hydraulic circuit because of vibration of engine side at the time of clutch operation, the pulsation dampening apparatus leads pressure to the hydraulic chamber and absorbs the hydraulic pressure by sagging the diaphragm by using an outer periphery of the diaphragm as supporting points.

[0003]

[Problem which the invention solves]

However, since free amount of sagging which corresponds to measure of pulse pressure of an operating fluid which is led to the hydraulic chamber is allowed in the diaphragm of the conventional pulsation dampening apparatus, there exists a problem that amount of consumption of fluid becomes larger corresponding to amount of sagging and thus affects operability of pedal.